CLAIMS:

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- 1. A stackable unit for indicating lights comprising: a cylindrical case (11) having first and second end portions (18, 19);
- a pair of connection means (20, 21) disposed at the first and second end portions (18, 19) of the case (11), respectively, and each establishing connection with a corresponding end portion (18, 19) of a case (11) of a corresponding unit (3a, 3b, 3c, 5, 6, 7) via relative rotation of the cases; and

an electrical connection member (14, 140, 141, 142) extended between the first and second end portions (18, 19) of the case (11) for establishing electrical connection between units (3a, 3b, 3c, 5, 6, 7) corresponding to each other,

wherein the electrical connection member (14, 140, 141, 142) at least includes a plate member (15, 150, 151, 142) as a part thereof,

wherein first and second ends (28, 29) of the
20 electrical connection member (14, 140, 141, 142) are
provided with first and second terminal portions (31, 31a;
32, 32a), respectively, each terminal portion establishing
connection with a corresponding terminal portion (31, 31a;
32, 32a) of a corresponding unit (3a, 3b, 3c, 5, 6, 7),

and

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wherein at least one of the first and second terminal portions (31, 31a; 32, 32a) is provided with the plate member (15, 150, 151, 142) and includes a contact portion (42a, 42b) capable of resiliently establishing linear or face-to-face contact with a corresponding terminal portion (31, 31a; 32, 32a) of a corresponding unit (3a, 3b, 3c, 5, 6, 7).

- 2. The unit for indicating lights according to Claim
 10 1, wherein the electrical connection member (14, 140, 141,
 142) includes interconnectable first and second members
 (15, 150, 151; 16).
- 3. The unit for indicating lights according to Claim 2, wherein the first member (15, 150, 151) has the first terminal portion (31, 31a) at one end (15e) thereof, and a first internal terminal portion (71) at the other end (15f) thereof, and

wherein the second member (16) has a second internal terminal portion (72) at one end thereof (75) for connection with the first terminal portion (31, 31a) of the first member (15, 150, 151), and the second terminal portion (32, 32a) at the other end (76) thereof.

4. The unit for indicating lights according to Claim 2, further comprising a circuit board (13) retained by the

case (11),

terminal portion (71).

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wherein the first member (15, 150, 151) includes a plate spring member (33, 35, 36) assembled to the circuit board (13), and

- 5 wherein the second member (16) includes a wire (16) retained by the case (11).
 - 5. The unit for indicating lights according to any Claim 2, wherein there is provided a sub-assembly (26) including the first member (15, 150, 151) and the circuit board (13).
- The unit for indicating lights according to Claim 5, wherein the first member (15, 150, 151) includes a retained portion (33) retained by the circuit board (13); a first resilient tongue (35) extended from the retained portion (33) and including the first terminal portion (31, 31a); and a second resilient tongue (36) extended from the retained portion (33) and including a first internal
 - 7. The unit for indicating lights according to Claim 6, wherein the retained portion (33) includes a U-shaped plate portion (33) defining an insertion portion (64) capable of receiving an outer edge (63) of the circuit board (13).
 - 8. The unit for indicating lights according to Claim 6, wherein the first resilient tongue (35) is capable of resiliently biasing the first terminal portion (31, 31a)

substantially along radial directions (R1, R2) of the case (11).

9. The unit for indicating lights according to Claim 6, wherein the second resilient tongue (36) is capable of resiliently biasing the first internal terminal portion (71) substantially along an axial direction (U) of the case (11).

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10. The unit for indicating lights according to any one of Claims 4 to 9, wherein the wire (16) includes a main body (73) extended along an axial direction (U) of the case (11) and retained by the case (11),

wherein the main body (73) is provided with a bent extension (78) at one end thereof (77), the bent extension (78) provided with the second internal terminal portion (72), and

wherein the main body (73) is provided with the second terminal portion (32) at the other end (76) thereof.

- 11. The unit for indicating lights according to Claim 1, wherein an inwardly directed annular flange (90) is provided
- 20 at the first end portion (18) of the case (11), and

wherein the electrical connection member (14, 140, 141, 142) includes the electrical connection member (142) comprising the conductive plate member (142).

12. The unit for indicating lights according to Claim 11,

wherein the plate member (142) includes a main body (94) extended along an axial direction (U) of the case (11) and retained by the case (11), and an extension portion (97) substantially orthogonally extended from one end (95) of the main body (94) and aligned with a surface (91) of the annular flange (90), and

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wherein the first terminal portion (31a) is provided at the extension portion (97).

13. The unit for indicating lights according to Claim 12,
10 wherein the plate member (142) includes a resilient tongue
(98) extended from the other end (96) of the main body (94)
in a chevron shape,

wherein the resilient tongue (98) is provided with the second terminal portion (32a), and

- of resiliently biasing the second terminal portion (32a) against a corresponding first terminal portion (31a) of a corresponding unit (3a, 3b, 3c, 5, 6, 7) along the axial direction (U) of the case (11).
- 20 14. Indicating lights comprising a plurality of units (3a, 3b, 3c, 5, 6, 7) according to any one of Claims 1 to 9.
 15. The indicating lights according to Claim 14, wherein the plural units (3a, 3b, 3c, 5, 6, 7) includes at least one unit (3a, 3b, 3c) having means (12) for emitting light,

and a base unit (7) having a fixing member (8) for fixing the indicating lights (1).

- 16. The indicating lights according to Claim 15, wherein the plural units (3a, 3b, 3c, 5, 6, 7) includes a unit (6) having means for generating sound.
- 17. The indicating lights according to Claim 15, wherein the plural units (3a, 3b, 3c, 5, 6, 7) includes a unit (7) having an interface (117) for output to external.
- 18. Indicating lights comprising a plurality of units (3a,
- 10 3b, 3c, 5, 6, 7) according to Claim 10.

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- 19. Indicating lights comprising a plurality of units (3a,
- 3b, 3c, 5, 6, 7) according to any one of Claims 11 to 13.